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Falone et al.

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## [54] VIBRATION ABSORBING MATERIAL FOR HANDLES OF SPORTING EQUIPMENT

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[\*] Notice: This patent is subject to a terminal disclaimer.

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## Related U.S. Application Data

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[51] Int. Cl.<sup>6</sup> ..... A63B 53/14[52] U.S. Cl. .... 473/300; 473/523; 473/549;  
473/568; 473/316[58] Field of Search ..... 473/316, 321,  
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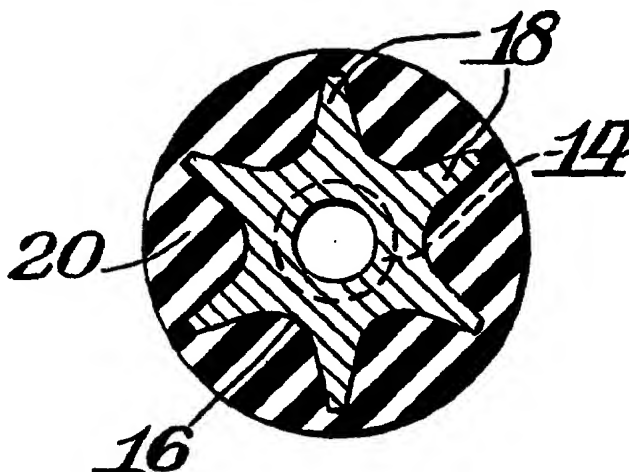
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## [57] ABSTRACT

A hand held article, such as a golf club, includes an elongated handle with an inner support structure mounted to the handle and a vibration absorbing material mounted around the inner support structure. The inner support structure includes a plurality of spaced rigid projections which extend into the vibration absorbing material to a location inwardly of the outer surface of the vibration absorbing material. In one embodiment the inner support structure is integral with the shaft of the handle. In another embodiment a sleeve is heat shrunk onto the shaft and the inner support structure and vibration absorbing material are mounted over the sleeve.

27 Claims, 3 Drawing Sheets



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FOIA b 7 - DATED 03/24/2010